				2500.2.5x1.25	2500.3x1.5	4000.3x1.5	4000.4x2	4000.6x2	4000.6x2.5	6000.3x1.5	6000.4x2	6000.6x2
RESONATOR			Watt	2500 Watt CO2-Laser GE Fanuc C2000i-B, Short Optical Path Type	2500 Watt CO_2-Laser GE Fanuc C2000i-B, Short Optical Path Type	4000 Watt CO2-Laser GE Fanuc C4000i-B, Short Optical Path Type	4000 Watt CO2-Laser GE Fanuc C4000i-B, Long Optical Path Type	4000 Watt CO2-Laser GE Fanuc C4000i-B, Long Optical Path Type	4000 Watt CO2-Laser GE Fanuc C4000i-B, Long Optical Path Type	6000 Watt CO2-Laser GE Fanuc C6000i-MODEL B	6000 Watt CO2-Laser GE Fanuc C6000i-MODEL B	6000 Watt CO2-Laser GE Fanuc C6000i-MODEL B
MAXIMUM PULSE PEAK POWER			Watt	2700	2700	5000	5000	5000	5000	7000	7000	7000
RF – EXCITATION			MHz	2	2	2	2	2	2	2	2	2
POWER STABILITY			%	± 1 (power monitor)	± 2 (power monitor)	± 2 (power monitor)	± 2 (power monitor)	± 2 (power monitor)	± 2 (power monitor)	± 2 (power monitor)	± 2 (power monitor)	± 2 (power monitor)
PULSE MODE			-	Freq: 5 - 2000Hz Duty: 0 - 100%	Freq: 5 - 2000Hz Duty: 0 - 100%	Freq: 5 - 2000Hz Duty: 0 - 100%	Freq: 5 - 2000Hz Duty: 0 - 100%	Freq: 5 - 2000Hz Duty: 0 - 100%	Freq: 5 - 2000Hz Duty: 0 - 100%	Freq: 5 - 2000Hz Duty: 0 - 100%	Freq: 5 - 2000Hz Duty: 0 - 100%	Freq: 5 - 2000Hz Duty: 0 - 100%
LASER WAVE LENGTH			µm	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6
BEAM MODE			-	Fanuc Low Order Mode	Fanuc Low Order Mode	Fanuc Low Order Mode	Fanuc Low Order Mode	Fanuc Low Order Mode	Fanuc Low Order Mode	Fanuc Low Order Mode	Fanuc Low Order Mode	Fanuc Low Order Mode
Laser Shutter			-	Mechanical safe shutter	Mechanical safe shutter	Mechanical safe shutter	Mechanical Safe Shutter	Mechanical Safe Shutter	Mechanical Safe Shutter	Mechanical safe shutter	Mechanical safe shutter	Mechanical Safe Shutter
LASER GAS COMPOSITION			-	CO_2 / He / N_2	CO_2 / He / N_2	CO_2 / He / N_2	CO_2 / He / N_2	CO_2 / He / N_2	CO_2 / He / N_2	CO_2 / He / N_2	CO_2 / He / N_2	CO_2 / He / N_2
LASER GAS CONSUMPTION			Liter/hour	10	10	10	10	10	10	20	20	20
COOLING WATER FLOW RATE			l/min	75	75	160	160	160	160	250	250	250
CNC CONTROLLER & OPERATOR PANEL			-	GE Fanuc series 16i-LB "LCD mounted" type CNC with 10,4" color screen, 512kB part program memory and all relevant laser functions, Ethernet	GE Fanuc series 16i-LB "LCD mounted" type CNC with 10,4" color screen, 512kB part program memory and all relevant laser functions, Ethernet	GE Fanuc series 16i-LB "LCD mounted" type CNC with 10,4" color screen, 512kB part program memory and all relevant laser functions, Ethernet	GE Fanuc series 16i-LB "LCD mounted" type CNC with 10,4" color screen, 512kB part program memory and all relevant laser functions, Ethernet	GE Fanuc series 16i-LB "LCD mounted" type CNC with 10,4" color screen, 512kB part program memory and all relevant laser functions, Ethernet	GE Fanuc series 16i-LB "LCD mounted" type CNC with 10,4" color screen, 512kB part program memory and all relevant laser functions, Ethernet	GE Fanuc series 16i-LB "LCD mounted" type CNC with 10,4" color screen, 512kB part program memory and all relevant laser functions, Ethernet	GE Fanuc series 16i-LB "LCD mounted" type CNC with 10,4" color screen, 512kB part program memory and all relevant laser functions, Ethernet	GE Fanuc series 16i-LB "LCD mounted" type CNC with 10,4" color screen, 512kB part program memory and all relevant laser functions, Ethernet
MAXIMUM WORKSHEET DIMENSIONS			mm	2500x4250	3000 x 1500	3000 x 1500	4000 x 2000	6000 x 2000	6000 x 2500	3000 x 1500	4000 x 2000	6000 x 2000
CUTTING CAPACITY (High Quality)												
		MILD STEEL	mm	16	16	20	20	20	20	25	25	25
		STAINLESS STEEL	mm	8	8	12	12	12	12	15	15	15
		ALUMINUM	mm	6	6	8	8	8	8	12	12	12
MAXIMUM BURDEN CAPACITY			kg	1000	1500	1500	2500	4000	5000	2000	3500	5000
MACHINE AXES			-	5-Axes [X, Y, Z, U (X2), V]	5-Axes [X, Y, Z, U (X2), V]	5-Axes [X, Y, Z, U (X2), V]	5-Axes [X, Y, Z, U (X2), V]	5-Axes [X, Y, Z, U (X2), V]	5-Axes [X, Y, Z, U (X2), V]	5-Axes [X, Y, Z, U (X2), V]	5-Axes [X, Y, Z, U (X2), V]	5-Axes [X, Y, Z, U (X2), V]
AXIAL MOVEMENTS												
	X, U AXES	Linear Motorized Table	mm	2580	3060	3060	4060	6060	6060	3060	4060	6060
	Y AXIS	Linear Motorized Bridge	mm	1280	1540	1540	2040	2040	2540	1540	2040	2040
	Z AXIS	Servo Motorized Cutting Head	mm	100	150	150	150	150	150	150	150	150
	V AXIS	Linear Mot. Compensation Unit	mm	1875	2250	2250	3000	4000	4250	2250	3000	4000
ACCELERATIONS												
	X, U AXES	Linear Motorized Table	G	2	2	2	2	2	2	2	2	2
	Y AXIS	Linear Motorized Bridge	G	3	3	3	3	3	3	3	3	3
	Z AXIS	Servo Motorized Cutting Head	G	2	2	2	2	2	2	2	2	2
MAXIMUM AXES VELOCITIES			m/min	169 (simultaneous) (X, Y single axis velocity 120m/min)	169 (simultaneous) (X, Y single axis velocity 120m/min)	169 (simultaneous) (X, Y single axis velocity 120m/min)	169 (simultaneous) (X, Y single axis velocity 120m/min)	169 (simultaneous) (X, Y single axis velocity 120m/min)	169 (simultaneous) (X, Y single axis velocity 120m/min)	169 (simultaneous) (X, Y single axis velocity 120m/min)	169 (simultaneous) (X, Y single axis velocity 120m/min)	169 (simultaneous) (X, Y single axis velocity 120m/min)
POSITIONING ACCURACY			mm/m	± 0,03	± 0,03	± 0,03	± 0,03	± 0,03	± 0,03	± 0,03	± 0,03	± 0,03
REPETITION ACCURACY			mm	± 0,015	± 0,015	± 0,015	± 0,015	± 0,015	± 0,015	± 0,015	± 0,015	± 0,015
SHUTTLE TABLE (Automatic Loading - Unloading Unit)			pale/te	2 (30 sec)	2 (35 sec)	2 (35 sec)	2 (45 sec)	2 (65 sec)	2 (65 sec)	2 (35 sec)	2 (45 sec)	2 (65 sec)
ASSIST GAS												
Assist sensor 1		MILD STEEL	-	Oksijen (0,1-6 Bar)	Oxygen (0,1-6 Bar)	Oxygen (0,1-6 Bar)	Oksijen (0,1-6 Bar)	Oksijen (0,1-6 Bar)	Oksijen (0,1-6 Bar)	Oxygen (0,1-6 Bar)	Oxygen (0,1-6 Bar)	Oksijen (0,1-6 Bar)
Assist sensor 2		STAINLESS STEEL	-	Nitrojen (0,2-25 Bar)	Nitrogen (0,2-25 Bar)	Nitrogen (0,2-25 Bar)	Nitrojen (0,2-25 Bar)	Nitrojen (0,2-25 Bar)	Nitrojen (0,2-25 Bar)	Nitrogen (0,2-25 Bar)	Nitrojen (0,2-25 Bar)	Nitrojen (0,2-25 Bar)
Assist sensor 3		ALUMINUM	-	Dry Air or Nitrogen (0,2-25 Bar)	Dry Air or Nitrogen (0,2-25 Bar)	Dry Air or Nitrogen (0,2-25 Bar)	Dry Air or Nitrogen (0,2-25 Bar)	Dry Air or Nitrogen (0,2-25 Bar)	Dry Air or Nitrogen (0,2-25 Bar)	Dry Air or Nitrogen (0,2-25 Bar)	Dry Air or Nitrogen (0,2-25 Bar)	Dry Air or Nitrogen (0,2-25 Bar)
CUTTING HEAD			-	Precitec HP1.5" 25 Bar	Precitec HP1.5" 25 Bar	Precitec HP2" 25 Bar	Precitec HP2" 25 Bar	Precitec HP2" 25 Bar	Precitec HP2" 25 Bar	Precitec HP2" 25 Bar	Precitec HP2" 25 Bar	Precitec HP2" 25 Bar
CUTTING HEAD FOCAL LENGTHS			inch	5" - 7.5"	5" - 7.5"	5" - 7.5"	5" - 7.5"	5" - 7.5"	5" - 7.5"	5" - 7.5" - 10"	5" - 7.5" - 10"	5" - 7.5" – 10"
CAD/CAM SOFTWARE			-	Lantek Expert Cut	Lantek Expert Cut	LANTEK EXPERT CUT	LANTEK CAD / CAM	LANTEK CAD / CAM	LANTEK CAD / CAM	LANTEK EXPERT CUT	LANTEK EXPERT CUT	LANTEK CAD / CAM
TOTAL ELECTRIC POWER NECESSITY			kW	50 - 70	50 - 70	65 - 90	65 - 90	65 - 90	65 - 90	100 - 120	100 - 120	100 - 120
MACHINE DIMENSIONS (L x W x H)			mm	9280 x 4760 x 2080	10480 x 5285 x 2040	10480 x 5285 x 2040	13420 x 5805 x 2080	18820 x 5805 x 2280	18820 x 6305 x 2280	10480 x 6485 x 2040	13420 x 7005 x 2080	18820 x 7005 x 2280
MACHINE WEIGHT			kg	16500	19300	19500	27250	39000	39000	20200	27750	36500